

Claims

- [c1] A method for conducting secure communication, comprising:
communicating a purchase request from first location to a second location;
communicating a first identification request from said second location to
said first location;
communicating a second identification request from said second location to
a third location;
communicating a third identification request from said first location to said
third location; and
communicating a confirmation of identification from said third location to
said first location and said second location.
- [c2] The method of claim 1, wherein said third identification request is encrypted.
- [c3] The method of claim 1, wherein said third identification request is produced
by using a system of pad encryptions.
- [c4] The method of claim 3, wherein said system of pad encryptions is employed
only once.
- [c5] The method of claim 1, wherein said confirmation of identification is
encrypted.
- [c6] The method of claim 1, wherein said confirmation of identification is
encrypted using a public/private key encryption system.
- [c7] The method of claim 1, wherein said confirmation of identification is
produced by using a system of pad encryptions.
- [c8] The method of claim 7, wherein said system of pad encryptions is employed
only once.
- [c9] The method of claim 1, wherein said first location has a computer.
- [c10] The method of claim 9, wherein said purchase request originates from said
computer.

- [c11] The method of claim 1, wherein said first location has an authentication device.
- [c12] The method of claim 11, wherein said third identification request originates from said authentication device.
- [c13] The method of claim 11, wherein said authentication device has microprocessors, an information storage capacity, a power source, and connecting devices.
- [c14] The method of claim 11, wherein said authentication device has an input device.
- [c15] The method of claim 11, wherein said authentication device has an output device.
- [c16] A security system for providing exchange of secure information through a network, comprising:
at least one user interface coupled to the network for producing the secure information;
at least one receiving station coupled to the network for receiving a message from said at least one user interface; and
a verification station, coupled to the network, for receiving the secure information from said at least one user interface, and for transmitting a verification signal to said at least one receiving station to verify identity of said at least one user interface.
- [c17] The system of claim 16, wherein said at least one user interface has a computing device interfaced to the network.
- [c18] The system of claim 17, wherein said at least one user interface has an encoding device external with respect to said computing device.